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U. S. PATENT AND TRADEMARK OFFICE
U. S. DEPARTMENT OF COMMERCE

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

BY0028P

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/571861

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/2004/014661	September 14, 2004	September 16, 2003

TITLE OF INVENTION

NOVEL INDOLOPYRROLOCARBAZOLE DERIVATIVE WITH ANTITUMOR ACTIVITY

APPLICANT(S) FOR DO/EO/US

Koji Yamada, Satoshi Sumani, Masaaki Hirose, Mitsuru Ohkubo, Hirobaru Arakawa

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (PCT Article 31).
5. A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].
 - a. is attached hereto
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)].
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9. An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

Items 11 to 20 below concern other document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information:
Copy of verification of English translation of international application

14 MAR 2006

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/571861	INTERNATIONAL APPLICATION NO. PCT/2004/014661	ATTORNEY'S DOCKET NUMBER BY0028P	
The following fees are submitted:		CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee.....		\$300	\$300.00
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....		\$0	
All other situations.....		\$200	\$200.00
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....		\$0	
Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an International Searching Authority.....		\$100	\$400.00
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB		\$400	
All other situations.....		\$500	
		TOTAL OF 21, 22 and 23=	\$900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
- 100 =	0 /50	0 = 0	X \$250.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)].			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	8 - 20 =	0	X \$50.00
Independent Claims	1 - 3 =	0	X \$200.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00	
TOTAL OF ABOVE CALCULATIONS (SUBTOTAL)		=	\$900.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		+ \$130.00	
		TOTAL NATIONAL FEE	= \$900.00
Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.		+ \$40.00	
		TOTAL FEES ENCLOSED	= \$900.00
		Amount to be refunded:	
		Amount to be charged:	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.			
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-2755</u> in the amount of <u>\$900.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. <u>13-2755</u> . A duplicate copy of this sheet is enclosed.			
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status.			
SEND ALL CORRESPONDENCE TO:			
Customer No. <u>000210</u>			
MERCK & CO., INC. Patent Department, RY60-30 P.O. Box 2000 126 East Lincoln Avenue Rahway, New Jersey 07065-0970		SIGNATURE	
DATE: <u>March 14, 2006</u>		<u>David A. Muthard</u>	
PHONE #: <u>(732) 594-3903</u>		NAME <u>35,297</u>	
		REGISTRATION NUMBER	

10/571861
IAP9 Rec'd PCT/PTO 14 MAR 2006

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Attorney Docket No.: BY0028P

International Appln No.: PCT/2004/014661

International Filing Date: September 14, 2004

Priority Date: September 16, 2003

Title: NOVEL INDOLOPYRROLOCARBAZOLE DERIVATIVE
WITH ANTITUMOR ACTIVITY

Inventors:
Koji Yamada
Satoshi Suman
Masaaki Hirose
Mitsuru Ohkubo
Hirobaru Arakawa

EXPRESS MAIL CERTIFICATE

DATE OF DEPOSIT March 14, 2006

EXPRESS MAIL NO. EV 421342899 US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS
EXPRESS MAIL "POST OFFICE TO ADDRESSEE" ON THE ABOVE
DATE IN AN ENVELOPE ADDRESSED TO COMMISSIONER FOR
PATENTS P.O. BOX 1450, ALEXANDRIA, VIRGINIA 22313-1450.

MAILED BY Kathy Gluthouse **DATE** 3-14-06

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VERIFICATION OF TRANSLATION

I, Isao YOKOYAMA, a Japanese Patent Attorney registered No. 11604 having my business office at Banyu Pharmaceutical Co., Ltd., 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 103-8416, Japan, do hereby certify:

1. That I am familiar with the Japanese language and the English language; and
2. That, to the best of my knowledge and belief, the attached document represents a true and correct English language translation of the certified copy of PCT international Patent Application No. PCT/JP2004/014661, our case No. BY0028, which was filed with the Japan Receiving Office on September 14, 2004.

Signed at Tokyo, Japan, this 13th day of February, 2006



Isao YOKOYAMA